

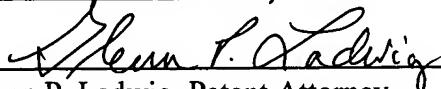
Rec'd PCT/PTO 27 DEC 2005

10/537,642

SUBMISSION OF SEQUENCE LISTING
AND STATEMENT
Patent Application
Docket No. EPI-103X
Serial No. 10/537,642

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on December 20, 2005.



Glenn P. Ladwig, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Alessandro Sette, Denise L. Doolan, Daniel J. Carucci, John Sidney,
Scott Southwood

Serial No. : 10/537,642

Filed : June 6, 2005

Confirm. No. : 5117

For : Plasmodium Falciparum Antigens and Methods of Use

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF SEQUENCE LISTING
AND STATEMENT UNDER 1.821

Sir:

The applicants submit herewith: (i) a replacement Sequence Listing on two compact discs labeled "Copy 1" and "Copy 2" pursuant to 37 C.F.R. §§1.52(e) and 1.821(c); and (ii) a computer readable form of the Substitute Sequence Listing pursuant to 37 C.F.R. §§1.821(e) and 1.824. The applicants also submit that the necessary additional paragraph for the specification has been inserted into the specification at page 1.

Pursuant to 37 C.F.R. §1.52 (e)(3)(ii), Copy 1 and Copy 2 of the replacement Sequence Listing are described as follows:

Copy 1:

Machine Format:	IBM-PC
Operating System:	MS-Windows XP
File Name:	EPI-103X PCT.ST25.txt
File Format:	ASCII
Size:	566 KB
Creation Date:	February 24, 2004; and

Copy 2:

Machine Format:	IBM-PC
Operating System:	MS-Windows XP
File Name:	EPI-103X PCT.ST25.txt
File Format:	ASCII
Size:	566 KB
Creation Date:	February 24, 2004.

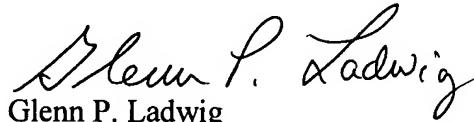
Pursuant to 37 C.F.R. §1.824, the computer readable form of the replacement Sequence Listing is described as follows:

Machine Format:	IBM-PC
Operating System:	MS-Windows XP
File Name:	EPI-103X PCT.ST25.txt
File Format:	ASCII
Size:	566 KB
Creation Date:	February 24, 2004.

The applicants respectfully request that the paper copy of the Sequence Listing as filed on June 6, 2005 in the subject application be replaced with Copy 1, Copy 2, and the computer readable form of the replacement Sequence Listing submitted herewith. In accordance with 37 C.F.R. §§1.52(e)(4) and 1.821(f), the contents of Copy 1, Copy 2, and the replacement Sequence Listing submitted herewith are identical to each other and contain the same information. Further, in accordance with 37 C.F.R. §1.821(g), the replacement Sequence Listing submitted herewith does not introduce new matter into the application.

The Commissioner is hereby authorized to charge any additional fees that may be required to Deposit Account No. 19-0065.

Respectfully submitted,



Glenn P. Ladwig
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GPL/mv

Attachments: Two copies of Sequence Listing on CDs (Labeled "Copy 1" and "Copy 2")
Sequence Listing in computer readable format (on compact disc)